RCA

Television User's Guide

Changing Entertainment. Again.

Please read these instructions before operating this product for the first time.

TOCOM 15920020

Model: F19421

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CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

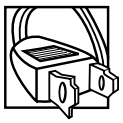
Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.



Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqú au fond.

Power Consumption: 120V ~ 60 Hz, 66 W (for model F19421)

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Product Registration

Please fill out the product registration card (packed separately) and return it immediately. Returning the card allows us to contact you if needed.

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. These numbers are located on the product.

Model No. _____

Serial No. _____

Purchase Date: _____

Dealer/Address/Phone: _____

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Chapter 1: Getting Started

Things to Consider Before You Connect

Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off the TV and/or component before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safeguards sheet packed with your TV.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- When you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle of the back of the TV.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Important Stand and Base Safety Information

Choose the location for your TV carefully. Place the TV on a stand or base that is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safeguards sheet packed with your TV.

Use Indirect Light

Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

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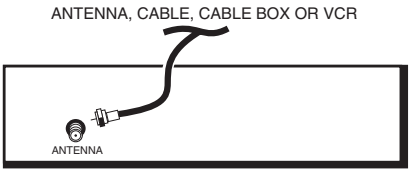
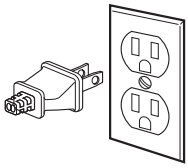


TV (Back Panel)

Setup and Connections

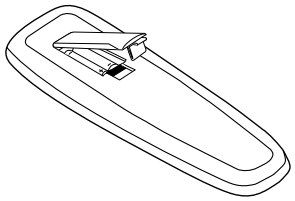
Step 1: Connect your TV

Connect the cable from your cable system or off-air antenna to the cable in-jack on the back of the TV, as shown on the left.



Step 2: Plug in the TV

Plug the end of the power cord into the wall outlet. Match the wide blade of the plug with the wide slot in the outlet. Insert the plug completely into the outlet.



Step 3: Put Batteries in the Remote

1. Remove the battery compartment cover on the remote.
2. Insert new batteries. Match the polarities (+ and -) on the batteries with the diagram on the remote.
3. Put the battery compartment cover back on the remote.

Step 4: Turn on the TV

Press the POWER button on the remote or on the front panel.

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Step 5: Auto Channel Search

Perform an *Auto Channel Search* (described in the *Channel* menu section).

Step 6 (optional): Connect other components to your TV

Use the jacks on the front panel of your TV to connect components to your TV. You can see what's playing on the component you connected by pressing the INPUT button on your remote until VID appears on the screen.

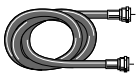
VIDEO (in) Allows you to connect a component such as a VCR, camcorder or Internet access device.

AUDIO (mono in) Receives audio signals from another component such as a VCR, camcorder or Internet access device.

Cables Needed to Connect Components to Your TV

The pictures on the left show the cables needed to connect components to your TV.

Audio/Video cables



Coaxial cable

Notes: Audio/Video cables (A/V cables for short) are often sold as a bundled set. When connecting components to your TV, use the cable with the yellow end to connect the video and the cable with the white end to connect the audio. Leave the cable with the red end (if there is one) unconnected.

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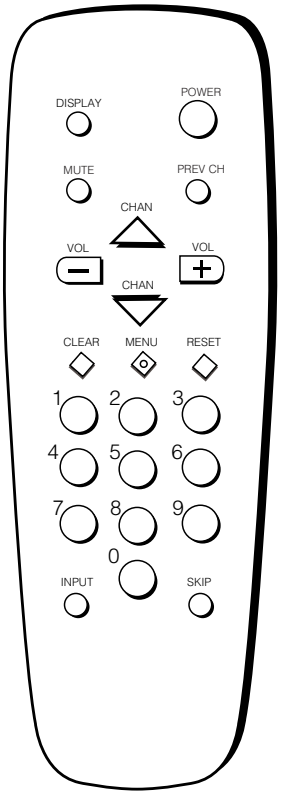

The Buttons on the Remote Control

0-9 (Number buttons) Enter channel numbers directly through the remote control. This button can also be used to select numbered menu items directly.

To enter a two-digit channel, press the two digits. To enter a three-digit channel, press and hold the first digit for two seconds until two dashes appear to the right of the number, then add the second two. Example: to tune to channel 123, press and hold 1 for two seconds, press 2, then press 3.

CHAN (up and down) buttons Scan up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels. Also used as up and down arrows in the menu system.

CLEAR Removes any menu or display from the screen and returns you to TV viewing. Also cancels the SKIP timer.

DISPLAY Brings up available channel information. This button is also referred to as INFO in the TV's menu system.

INPUT Changes your TV to its video input channel. The Video Input Channel is the channel your TV must tune to in order for you to access a component that's connected to the AUDIO and VIDEO jacks on the front of your TV. Example: to view a tape from your camcorder, connect the camcorder to the TV's AUDIO and VIDEO jacks on the TV's front panel with the audio/video cables.

MENU Brings up the Main menu. When in the menu system, selects highlighted items or returns you to the previous menu.

MUTE Lowers the volume to its minimum level. Press again to restore volume.

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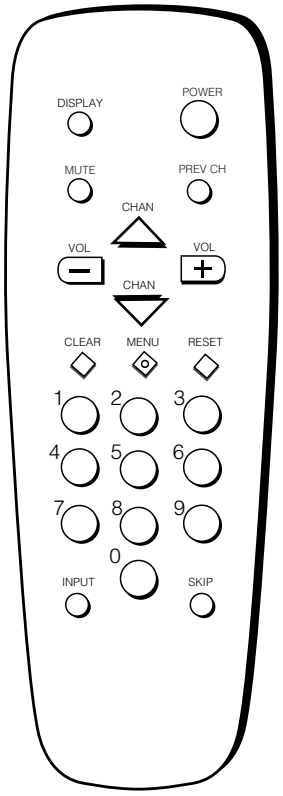

The Buttons on the Remote Control (continued)

POWER Turns the TV on and off.

PREV CH Returns you to the previous channel.

RESET Returns all picture settings back to their factory defaults.

SKIP (Commercial Skip) Press once before changing channels. The TV will wait 30 seconds before returning you to the original channel. Press again to add more time. Press CLEAR to cancel the SKIP timer.

VOL – and VOL + Decreases or increases the TV's volume. Also used as left and right arrows in the menu system.

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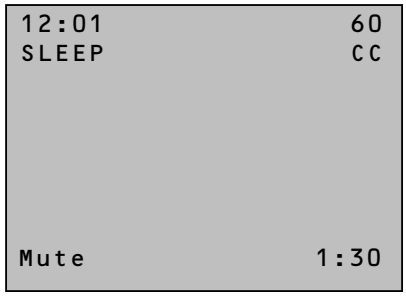

Sample displays on a Channel Marker. The Channel Marker shown is just an example of what your screen may look like.

Channel Marker

There are several indicators that might appear when you press the DISPLAY button on the remote. This display is called the Channel Marker. The following list describes the items on the Channel Marker screen (left to right and top to bottom).

12:01 Displays the current time.

60 Displays the current channel or input channel (VID).

SLEEP Displayed when the Sleep Timer has been set.

CC Displayed when Closed Captioning is available on the current channel.

MUTE Displayed when you mute the audio.

1:30 Displayed to count down time left on the commercial skip (SKIP) timer.

Front Panel Lock

This feature allows you to lock the buttons on the front of the TV. Even when the front panel lock feature is on, the TV operates with the remote control.

To lock the buttons on the front of the TV:

1. Make sure the TV is *on*.
2. Press and hold the POWER button on the remote for approximately 5 seconds.

To turn off the front panel lock:

1. Make sure the TV is *off*.
2. Press and hold the POWER button on the remote for approximately 5 seconds.

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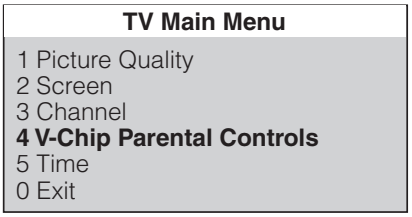

V-Chip Parental Controls

The *V-Chip Parental Controls* menu allows you to program your TV so that children cannot see certain programs.

The first three choices in the *Parental Controls* menu involve software inside your TV (referred to as V-Chip) which allows you to block TV programs and movies based on violence, sex, or other content you may believe children should not view. In other words, it lets you program your TV so it won't display certain programs.

Once you block programs, you or other adults can unblock programs by entering a password.

By default, the software inside your TV is turned "off," so if you don't want to use this feature, you can just ignore it.

How V-Chip Works

When turned "on," the V-Chip software reads a code that most broadcasters send with programs. That code tells the software the program's age-based rating (TV-MA, TV-14, etc.) and content themes [(Violence (V), Adult Language (L), etc.)]. If you have blocked the rating and/or content themes that the program contains, you will receive the message, "This program is blocked. Change channel or press DISPLAY to enter password," when you tune to that particular channel.

Broadcasters are not required to provide content themes, so programs received with no content themes will only be blocked if you block their age-based rating. You can also block out programs that have been given a rating of "Not Rated," and programs that are considered "unrated" because no code has been sent by the broadcaster.

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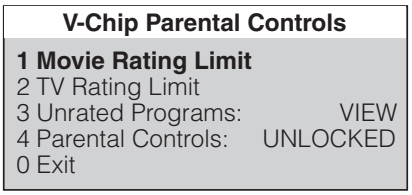
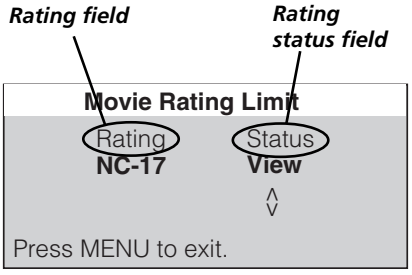


V-Chip Movie Rating Limit

You set movie rating limits by blocking movies rated above a specified level. How to block movie ratings and view movie ratings is explained in the next two sections.

To access the *MOVIE RATING LIMIT* menu:

1. Press MENU on the remote control (the *TV MAIN MENU* appears).
2. Select *Parental Controls* (press 4). If Parental Controls are currently locked, you must enter your password.
3. Select *Movie Rating Limit* (press 1).



Blocking Movie Ratings

If you only want your child to watch movies that have a PG rating and lower (in other words, movies rated PG and G), then you could automatically block out all other movies with higher ratings.

To block movies:

1. Highlight the *Rating* field and press the CHAN up and down buttons to find the rating that is the lowest rating you don't want the child to watch.
2. Press VOL+ to highlight the rating *Status* field. Press the CHAN up and down buttons to change the button from *View* to *Block*. All higher ratings automatically change to *Block*.
3. Press MENU to return to the menu or exit the screen.
4. If Parental Controls are not locked, you must lock them so the movie rating limits will take effect.

   Note: Some movies may be given a Not Rated (NR) rating. After blocking movie ratings, you must set NR to View separately to view NR movies.

Continues on next page...

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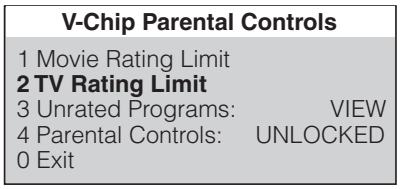
Viewing Movie Ratings

After you block movie ratings, you have the option of changing some of the rating status buttons back to *View*:

1. Highlight the *Rating* field and press the CHAN up and down buttons to find the rating you want to view.
2. Press VOL+ to highlight the rating *Status* field. Press the CHAN up and down buttons to change the button from *Block* to *View*.

   For example, if movies with a rating of PG-13 and higher are blocked, you can change the rating status corresponding with NC-17. Your child would then be able to watch all movies with a G, PG, and NC-17 Rating.
3. Press MENU to exit the screen, and be sure parental controls are locked.



TV Rating Limit

The *TV Rating Limit* lets you decide which TV programs can and cannot be viewed.

To set TV programming limits:

1. Choose *Parental Controls* from the Main menu. If Parental Controls are currently locked, you must enter your password.
2. Highlight and select *TV Rating Limit*.
3. Once you get to the *TV Rating Limit* screen, use the VOL+ and VOL– buttons to change the status of a TV program rating or content theme from *View* to *Block*.

The following sections give you more details about how to change the status of TV program limits.

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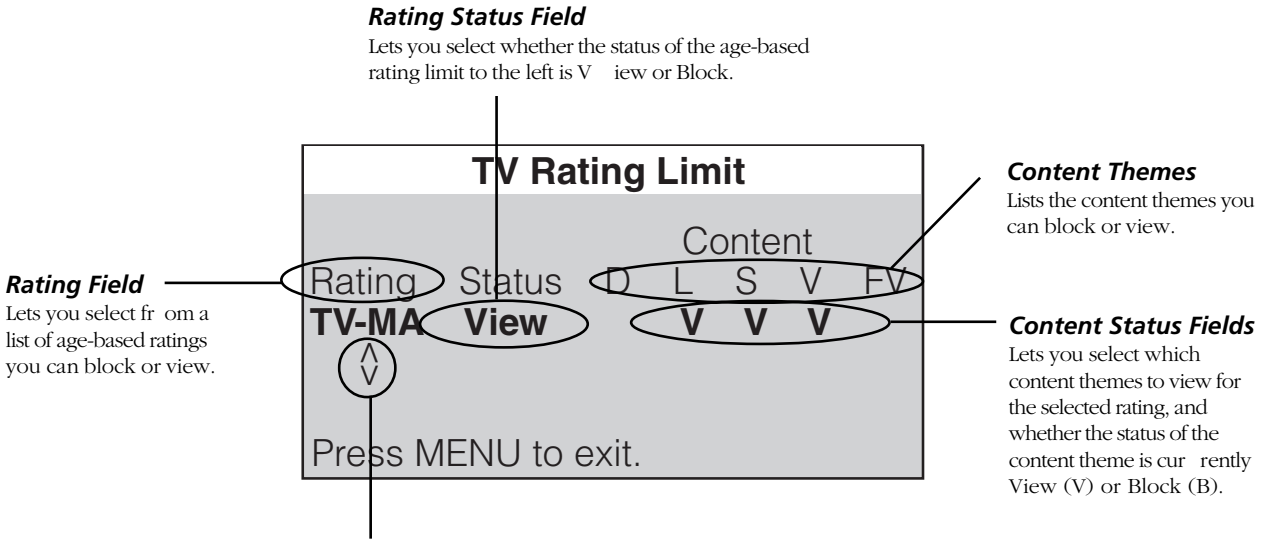
The TV Rating Limit Screen

The following is an example of where items are located within the TV Rating Limit screen.

The TV age-based ratings and content themes you can block are listed on the next page.



Rating Status Field
Lets you select whether the status of the age-based rating limit to the left is V iew or Block.

Content Themes
Lists the content themes you can block or view.

Rating Field
Lets you select fr om a list of age-based ratings you can block or view.

Content Status Fields
Lets you select which content themes to view for the selected rating, and whether the status of the content theme is cur rently View (V) or Block (B).

Pointer Highlight
Lets you see the position of the cursor on the scr een.

Continues on next page...

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Age-Based Rating	Description and Content Themes for Age-Based Ratings
TV-MA	**Mature Audience Only**. Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).
TV-14	**Parents Strongly Cautioned**. Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).
TV-PG	**Parental Guidance Suggested**. Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).
TV-G	**General Audience**. Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).
TV-Y7	**Directed to Children 7 years and older**. Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.
TV-Y	**All Children**. Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.

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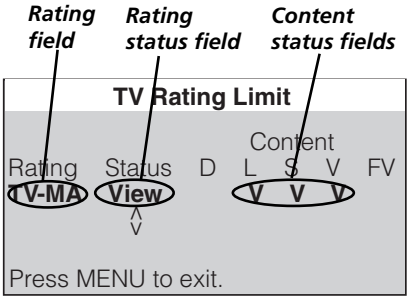

Tip

When you change the status of a rating to Block, the system will automatically block higher ratings and all corresponding content themes.

Blocking Age-Based Ratings

You can automatically block all program ratings above a specified age-based rating level.

To block programs with higher ratings:

1. First, determine the lowest level rating you don't want the child to watch (see chart of age-based ratings on next page).
2. Press the VOL+ and VOL– buttons to highlight the *Rating* field.
3. Press the CHAN up and down buttons on the remote to scroll through the age-based rating limits. Keep scrolling until the rating corresponding with the lowest rating you do not want the child to watch appears on the screen.
4. Press VOL+ to move the up/down arrows to the *Status* field.
5. Press the CHAN up or CHAN down button to toggle between *View* and *Block*. The status for the rating listed to the left and all higher ratings automatically changes to *Block* (and *B*).
6. Press MENU on the remote to return to the menu or exit the screen when you are finished. Make sure parental controls are locked.

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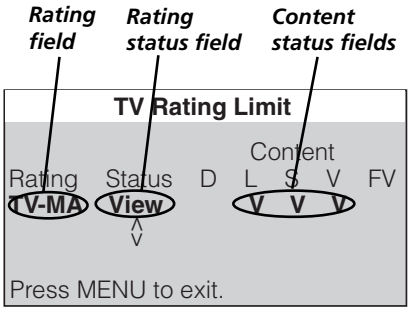
Hierarchy of Age-Based Ratings	
TV-MA	*Mature Audience Only*
TV-14	*Parents Strongly Cautioned*
TV-PG	*Parental Guidance Suggested*
TV-G	*General Audience*
TV-Y7	*Directed to Children 7 years and older*
TV-Y	*All Children*



Viewing Age-Based Ratings

After you block age-based ratings, you have the option of changing some of the ratings back to *View*.

1. Determine which blocked rating you want to view.
2. Use the CHAN up and down buttons to select the rating with a status of *Block*.
3. Press VOL+ to move the up/down arrows to the rating status field.
4. Press the up arrow button to select *View*.

Notes: The content status fields corresponding to the unblocked rating become *View* as well. They and the age-based rating status are the only fields that automatically change back to *View* when you complete this process.

You must remember to lock Parental Controls for rating limits to take effect.

Blocking Specific Content Themes

You can block programs based on their content. (Content is represented by the D, L, S, V and FV on your screen. See the beginning of this section for details.) When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well.

To block program content:

1. Determine the lowest level of content you don't want the child to watch.
2. Use the CHAN up and down buttons on the remote to scroll through the age-based ratings until the rating that corresponds with the lowest content you do not want the child to watch appears.
3. Press VOL+ to move the highlight to the field corresponding with the content theme you want to block out.

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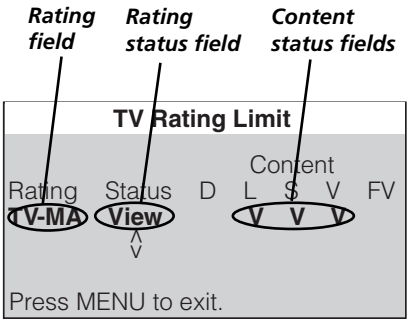
Content Themes	
D	*Sexually explicit dialogue*
L	*Adult language*
S	*Sexual situations*
V	*Violence*
FV	*Fantasy Violence*



4. Press the CHAN up or CHAN down button to change content status from *V* to *B*. All higher ratings' content theme will automatically change to *B*.
5. Press MENU to return to the menu or exit the screen.

Notes: Broadcasters are not required to provide content themes or age-based ratings. Programs received with no content themes will only be blocked if you block their age-based rating.

You must remember to lock Parental Controls for rating limits to take effect.

Viewing Specific Content Themes

If you block specific content themes, you have the option of going back and changing some of the content themes back to *(V) View*:

1. Determine the content themes you want to change to *(V) View*.
2. Use the CHAN up and down buttons to scroll through the age-based ratings until the rating whose content theme you want to change to *View* appears.
3. Press VOL+ to move the up/down arrows to a particular content theme status, such as the *B* under language (L) corresponding with TV-14.
4. Press the CHAN up or CHAN down button to change its status back to *V*. Your child would then be able to watch programs with TV-14 adult language content, but not programs with TV-PG or TV-MA language content.

Note: Only the content theme status corresponding to TV-14 (L) language changes to (V) View. Higher rated content themes, such as that for TV-MA language, do not change.

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V-Chip Unrated Program Block

Selecting this option lets you decide if programs that the V-Chip recognizes as "unrated" can be viewed. Note that "unrated" TV programs may include news, sports, political, religious, local and weather programs, emergency bulletins, public announcements, and programs without ratings.

View All unrated programs are available.
Block All unrated programs are not available.

Note: You must remember to lock Parental Controls for rating limits to take effect.

Lock/Unlock Parental Controls

Selecting this option lets you lock and unlock parental controls settings using a password.

If you do not lock parental controls, none of the settings for TV rating and content, movie rating and unrated program blocks will take effect.

If you forget your password, the password can be reset to 0000 by pressing and holding the volume down and the channel up buttons simultaneously for five seconds. Using this password, you can then access the V-chip menus.

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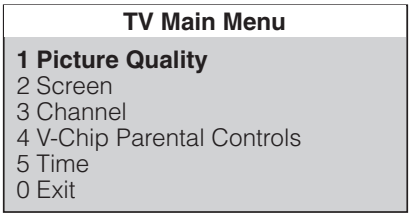
How to Use Your TV's Menu System

You use the buttons on the remote or the front of your TV to access the menu system and make changes to the settings.

The following pages explain how to use the different types of menus to adjust the features of your TV.



Menus

The first menu is called the Main menu. Press MENU on the remote or on the front panel to bring up the Main menu.

Menus take you to another menu or a control panel. There are two ways to select a choice in a menu:

- Use the CHAN or VOL buttons on your remote control to highlight your choice, and press MENU.
- Press a number button on the remote. For example, in the Main menu press 3 to go straight to the *Channel* menu.

Tip

Feel free to explore the menu system. If you're ever unsure where you are in the menu system, or you're just plain tired of exploring, press CLEAR to remove the menus from the screen and start over again.

Exiting a menu

There are three ways to exit a menu:

- Highlight *Exit* and press MENU.
- Press 0 on the remote.
- Press CLEAR. The on-screen displays are cleared from the screen and you return to TV viewing.

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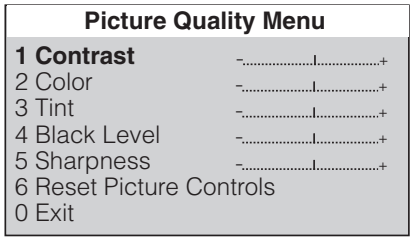


Picture Quality Menu

This menu contains five controls that adjust the TV's picture. Use the CHAN or VOL buttons to adjust the controls.

Contrast Adjusts the difference between the light and dark areas of the picture.

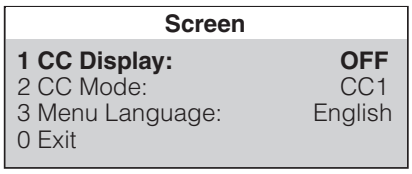
Color Adjusts the richness of the color.

Tint Adjusts the balance between the red and green levels.

Black Level Adjusts the brightness of the picture.

Sharpness Adjusts the crispness of the edges in the picture.

Reset Picture Controls Resets the picture controls to their original settings.



Screen Menu

CC Display Lets you choose the way closed captioning information is shown on the screen.

Off No captioning information is displayed.

On Captioning information is shown always, when available.

On When Muted Captioning information is shown, when available, whenever the TV's sound is muted. (To mute the sound, press the MUTE button.) The captioning information is not displayed when the sound is not muted.

CC Mode Lets you choose which captioning mode is used for displaying captioning information. Use the MENU button to toggle between the choices: *CC1* and *CC2*.

Menu Language Lets you choose the language you prefer for the menus: *English*, *Spanish* or *French*.

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Using Closed Captioning

Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen.

Closed captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information are applicable. When a program is closed captioned, the *CC* icon is displayed in the channel marker. See Chapter 2 for more information about the channel marker.

Turning off Closed-Caption

1. Select *Screen* from the Main menu.
2. Press MENU to select *CC Display*.
3. Press VOL+ until *Off* is selected.
4. Press CLEAR to clear the menu from the screen.

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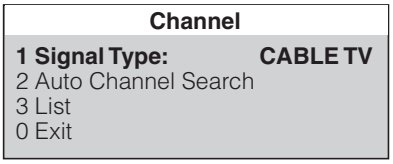


Channel Menu

Signal Type Displays a toggle that lets you select the current antenna type.

Antenna Choose this if you are currently using an off-air antenna for UHF/VHF TV signals.

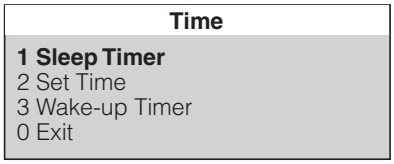
Cable TV Choose this if you are currently using cable or a cable box for TV signals.

Auto Channel Search Tells the TV to search automatically for all the channels available through the antenna input. When the TV finds an active channel, it places it in the channel scan list; inactive channels (weak stations or channels with no signal at all) will be removed from the channel list.

List Displays a control panel that lets you edit your channel scan list. Use the CHAN or VOL buttons to move between fields and to enter settings.

Chan # Use the CHAN up and down buttons to scroll up and down through the channels available via your antenna. You can enter the channel number directly using the number buttons.

Scan List Use the CHAN up and down buttons to indicate whether the channel number indicated is included (*Yes*) or is not included (*No*) in the channel scan list.



Time Menu

Sleep Timer Displays a control panel that lets you select the amount of time you want to give the TV before it shuts itself off. Use the VOL+ and VOL– buttons to increase or decrease the timer by 30-minute increments.

Set Time Displays a control panel that lets you enter the current time. Use the VOL up and down buttons to set the time.

Wake-up Timer Displays a control panel that lets you set up a schedule for turning the TV on automatically. Use the VOL up and down buttons to set the Wake-up Timer.

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Troubleshooting

Most problems you encounter with your TV you can correct by consulting the Troubleshooting list that follows.

TV Problems

TV won't turn on

- Press the POWER button.
- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the POWER button on the front of the TV. If the TV turns on, check the remote control solutions on the next page.
- Make sure the Front Panel Lock feature is not set. Go to page 7 for instructions.

Buttons don't work

- Make sure the Front Panel Lock feature is not set. Go to page 7 for instructions.
- Unplug the TV for two minutes and then plug it back in. Turn the TV on and try again.

TV turns off while playing

- The Sleep Timer or Wake-up Alarm may have been activated. Go to page 20 for instructions.
- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn the TV on again. If this happens frequently, the voltage in your house may be abnormally high or low.

Blank screen

- Make sure the component connected to the TV is turned on.
- Try another channel.

No sound, picture okay

- Maybe sound is muted. Press the volume up button to restore sound.

Continues on next page...

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Chapter 4: Other Information

Troubleshooting

Can't select certain channel

- Channel may be airing a program that exceeds a TV Rating limit. To deactivate Parental Controls temporarily, press DISPLAY on your remote and enter your password.
- If using a VCR, make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

No picture, no sound but TV is on

- The channel might be empty — change channels.
- If you're watching your VCR and it's connected with coaxial cable to the ANTENNA jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

Sound okay, picture poor

- Check antenna connections. Make sure all of the cables are firmly connected to the jacks.
- Try adjusting sharpness function to improve weak signals. Go to page 18 for more instructions.

Black box appears on the screen

- Closed-captioning might be on. Check the status of *CC Display* in the *Screen* menu. Go to page 18 for more instructions.

The Remote Control Doesn't Work

- Something might be between the remote and the remote sensor on the component. Make sure there is a clear path.
- Maybe the remote isn't aimed directly at the TV.
- Maybe batteries in remote are weak, dead or installed incorrectly. Put new batteries in the remote.

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Troubleshooting

Problems with V-Chip/Parental Controls

The rating limits don't work

- You must lock the settings. Go to the *TV MAIN MENU* (press MENU on your remote), select *Parental Controls* (press 4 on your remote). Then select *Parental Controls* again (press 4 on your remote).

I don't remember my password and I want to unlock the TV

- If you forget your password, the password can be reset to 0000 by pressing and holding the volume down and the channel up buttons on your front panel simultaneously for five seconds. Using this password, you can then access the V-Chip menus.

The V-Chip won't let me watch a program even though it's not rated as violent.

- Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must set *NR* to *View* separately in order to view movies with an NR rating.

The Front of Your TV – Front Panel

If you cannot locate your remote you can use the front panel of your TV to operate many of the TV's features.

MENU Brings up the Main menu. When in the menu system, it selects highlighted items. Also returns you to the previous menu.

CH v Scans down through the current channel list. When you're using the TV's menu system, it acts like an arrow down button.

CH ^ Scans up through the channel list. When you're using the TV's menu system, it acts like an arrow up button.

VOL – Decreases the volume. When you're using the TV's menu system, it acts like a left arrow button.

VOL + Increases the volume. When you're using the TV's menu system, it acts like a right arrow button.

POWER Turns the TV on and off.

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Chapter 4: Other Information

Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.
You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.

While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, avoid placing drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

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Limited Warranty

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- 90 days from date of purchase for labor charges.
- One year from date of purchase for parts.
- Two years from date of purchase for the picture tube.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

- Pay any Authorized RCA Television Service Center the labor charges to repair your television.
- Pay any Authorized RCA Television Service Center for the new or, at our option, refurbished replacement parts and picture tube required to repair your television.

How you get service:

- For screen sizes of 26" and smaller: Take your RCA television to any Authorized RCA Television Service Center and pick up when repairs are complete.
- For screen sizes larger than 26": Request home or pick up, repair, and return service from any Authorized RCA Television Service Center, provided that your television is located within the geographic territory covered by an Authorized RCA Television Service Center. If not, you must take your television to the Service Center location at your own expense, or pay for the cost the Service Center may charge to transport your television to and from your home.
- To identify your nearest Authorized RCA Television Service Center, ask your dealer, look in the Yellow Pages, or call 1-800-336-1900.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

(Continues on next page)

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Chapter 4: Other Information

What your warranty <u>does not</u> cover:

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your television. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Batteries.
- Customer replacement fuses.
- Damage from images burnt onto the screen.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- A television purchased or serviced outside the U.S.A.
- Acts of nature, such as but not limited to lightning damage.

Product Registration:

- Please complete and mail the Product Registration Card packed with your TV. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON MULTIMEDIA INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**

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- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON MULTIMEDIA INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

How state law relates to this warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the United States:

- This warranty does not apply. Contact your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.

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Chapter 4: Other Information

Accessory Information

There are various accessories available to complement your TV. Prices are subject to change without notice. All accessories are subject to availability.

A shipping and handling fee will be charged upon ordering, and we are required by law to collect the appropriate sales tax for each individual state, country, and locality to which the merchandise is being sent.

How To Order

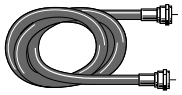
To place an order by phone, have your Visa, MasterCard or Discover Card ready and call the toll-free number listed below.

Use this number only to place an order for accessory items.

1-800-338-0376

You can buy some accessories on-line at

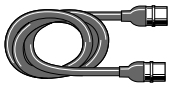
www.rca.com.



3-ft (part number VH81); price $3.95

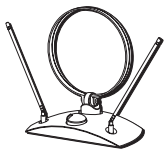
6-ft (part number VH82); price $4.95

Screw-on Cable *attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. The ends screw onto the connectors for a secure connection.*



6-ft (part number VH89); price $5.95

Push-on Cable *attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. Ends push on for a quick connection.*



(part number ANT200); price $49.95

Amplified Antenna

Allows you to quickly switch from the antenna signal to the cable or satellite signal without disconnecting the antenna.

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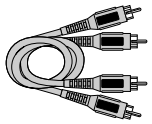
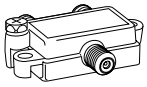


Gold-Tipped cable, 6-ft (part number VH83); price $5.95

Monaural VCR Dubbing Cable *Double cable that lets you connect the video and audio jacks of two VHS VCRs to duplicate tapes. Can also be used to connect a VCR to your TV. Cable is color-coded and shielded. Has RCA-type phono plugs on each end.*



Splitter (part number VH47); price $3.95

2-way Signal Splitter

Helps you connect a second TV or VCR.

CRK10A1; (part number 240959) price $19.25

Remote Control

This is the remote control that came packed with your TV. Replacements or spares can be ordered as needed.

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Visit the RCA web site at www.rca.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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